

PART A

REPORT ORGANIZATION AND PROJECT DESCRIPTION

SECTION A.1
INTRODUCTION

A.1 INTRODUCTION

The following is the Joint Technical Document and description of the landfill project for the proposed Gregory Canyon Landfill (GCLF) in San Diego County, California.

California waste management statutes enacted over the last few years have established some of the toughest standards in the nation for the operation of landfills which handle non-hazardous solid waste. Under current regulations, the California Integrated Waste Management Board (CIWMB), the Regional Water Quality Control Boards (RWQCB), local Air Pollution Control Districts, and the local enforcement agencies (EA) all perform inspections of waste management facilities to ensure that they are being operated in compliance with applicable federal, state and local regulations.

Both the CIWMB and the RWQCB require an operator of a waste management facility to obtain an operating permit. The California Code of Regulations Title 27 (27 CCR), Chapter 4 requires an operator of a non-hazardous landfill to obtain an operating permit known as a solid waste facilities permit (SWFP). The SWFP is concurred on by the CIWMB and then issued by an EA (typically the local county health department). The RWQCB, through regulations under 27 CCR, Chapter 4, Article 4, requires that an operator of a waste management facility that discharges wastes to land obtain an operating permit known as Waste Discharge Requirements (WDRs). The main supporting document that is required for a landfill to obtain both the SWFP and WDRs is called a Joint Technical Document (JTD).

In addition to the JTD, prior to issuance of the new SWFP (or whenever there will be a significant change in design and/or disposal operations), the owner must provide the CIWMB with a Preliminary Closure and Post-Closure Maintenance Plan (PCPCMP). The objectives of the PCPCMP are to provide a reasonable estimate of the maximum expected cost to close and maintain the landfill during a 30-year post-closure period. A PCPCMP element has been included as part of this JTD.

A.1.1 PURPOSE

The purpose of this JTD is to present a comprehensive description of the GCLF project including but not limited to: geology, hydrogeology, climatology,

proposed design and operational features and procedures, and the proposed closure design and post-closure maintenance activities. This information is utilized by the LEA, CIWMB, and local RWQCB to determine if the facility can be operated in compliance with applicable regulations and serves as the basis for the SWFP and WDRs.

The closure design and post-closure maintenance procedures will provide the basis for developing required costs estimates to establish funding to eventually close the GCLF and provide a minimum of 30 years of post-closure maintenance secured under an approved financial mechanism.

A.1.2 REPORT ORGANIZATION

The JTD is divided into six major components, Parts A, B, C, D, E and F. Part A provides general information on the JTD's format and content, a historic overview of the site, a summary of the proposed landfill design, landfill development, discussion of the proposed closure and post-closure maintenance plan element and associated financial assurances, and document references. Part B includes site operational information with the exception of the disposal site design features. Part C includes information on the disposal site design. Part D includes information on the site characteristics. Part E describes the proposed closure design and post-closure maintenance activities normally included in the PCPCMP. Finally, Part F provides the cost estimate associated with the proposed closure and post-closure activities described in Part E.

The JTD is separated into three volumes with Parts A through F followed by the figures included in Volume I, the appendices are presented in Volume II, and full-sized drawings are included in Volume III.

Regulatory Requirements Cross-Reference Table

This JTD includes the required cross-reference index to enable the EA, RWQCB, CIWMB and other readers to easily find the appropriate section and pages in Parts A through F which corresponds to the specific regulatory requirements set forth under 27 CCR, Chapters 3 and 4 and the Code of Federal Regulations, Title

40 (40 CFR), Part 258 (also known as Subtitle D). This information is included in Tables 1 (SWRCB JTD Index) and 2 (JTD Index - CIWMB Requirements).

Subtitle D Compliance Checklist

The Subtitle D Checklist was developed by the State Water Resources Control Board (SWRCB) to assist the dischargers and RWQCBs in assessing compliance with the Federal requirements (i.e., 40 CFR, Part 258). The checklist is included as Appendix A.

**Table 1
Gregory Canyon Landfill
SWRCB JTD Index**

SWRCB Requirement	SWRCB Citation	Related CIWMB Citation	JTD Page Range(s) Fulfilling SWRCB Citation
Chapter 1. General			
Article 1. Purpose, Scope and Applicability of this Subdivision			
<input type="checkbox"/> 20080. General Requirements. [engineered alternatives to prescriptive standards]	20080(b-c)		If proposed: Sec. C.1.1, pgs. C.1-1 thru C.1-3.
Chapter 3. Criteria for All Waste Management Units, Facilities, and Disposal Sites **			
Subchapter 2. Siting and Design **			
Article 2. SWRCB - Waste Classification and Management **			
<input type="checkbox"/> 20200. SWRCB - Applicability and Classification Criteria.			
Concept (& describes possible exemption).	20200(a)		If proposed: Sec. B.2.2.2, pgs. B.2-2, B.2-3.
Demonstration proposing to allow discharge of a particular waste to a particular landfill of lower classification.	20200(a)(1)		If proposed: Not applicable to GCLF.
Dedicated units/cells for certain wastes.	20200(b)-(b)(2)(C)		If proposed: Not applicable to GCLF.
Waste characterization.	20200(c)		Sec. B.1.5, pgs. B.1-4 thru B.1-10, Table 4
Management of liquids.	20200(d)-(d)(3)		Not applicable to GCLF.
<input type="checkbox"/> 20220. Nonhazardous Solid Waste.			
Demonstration by discharger.	20220(b)-(b)(2)		Sec. B.1.5, pgs. B.1-4 thru B.1-10; Sec. B.4.4.2, pgs. B.4-7 thru B.4-12.
Dewatered sludge (describes conditions for discharge).	20220(c)-(c)(3)		Sec. B.1.5.2, pg. B.1-5.
Ash (allows discharge of non-hazardous ash to Class III landfills w/o determining if ash is designated waste).	20220(d)		If ash: Not applicable to GCLF.
Article 3. Waste Management Unit, Facility, or Disposal Site Classification and Siting **			
<input type="checkbox"/> 20240. Classification and Siting Criteria.	20240		Sec. B.1.2, pgs. B.1-1, B.1-2.
<input type="checkbox"/> 20250. Class II: Waste Management Units for Designated Waste.	20250		If Class II: Not applicable for GCLF.
<input type="checkbox"/> 20260. Class III: Landfills for Nonhazardous Solid Waste.	20260		If Class III: pgs. B.1-1 thru B.1-4; C.1-1 thru C.1-3; Sec. D.2.3, pgs. D.2-1, D.2-2; Sec. D.3.2, pg. D.3-1, 3-2; Sec. D.4.4, pgs. D.4-13 thru D.4-15; Sec. D.4.5, pgs. D.4-15, D.4-16; Sec. D.4.7 pgs. D.4-20 thru D.4-23; Sec. D.5.1.2, pgs. D.5-5 thru D.5-8; Sec. D.5.2, pgs. D.5-10, D.5-11; Sec. D.5.6, pgs. D.5-14 thru D.5-17.
Article 4. SWRCB - Waste Management Unit Construction Standards **			
<input type="checkbox"/> 20310. General Construction Criteria.	20310		Sec. C.1, pgs. C.1-1 thru C.1-3, Sec. C.2.3 thru Sec. C.2.6, pgs. C.2-6 thru C.2-13; Sec. D.4.6, pgs. D.4-16 thru D.4-20; App. C, pgs. 3-6 thru 3-10

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SWRCB Requirement	SWRCB Citation	Related CIWMB Citation	JTD Page Range(s) Fulfilling SWRCB Citation
<input type="checkbox"/> 20320. General Criteria for Containment Structures.	20320		Sec. C.2, pgs. C.2-1 thru C.2-13; Sec. C.4.4, pgs. C.4-4 thru C.4-12; Sec. D.4.3, pgs. D.4-8 thru D.4-13. Tables 10, 11, 12 and 12A.
<input type="checkbox"/> 20323 & <input type="checkbox"/> 20324. CQA Plan & Requirements.	20323 & 20324		Sec. E.1.6, pg. E.1-9; App. M and N.
<input type="checkbox"/> 20330. Liners.	20330		Sec. C.2.4, pgs. C.2-7 thru C.2-9; App. H and N.
<input type="checkbox"/> 20340. Leachate Collection and Removal Systems (LCRS).	20340		Sec. C.2.5, pgs. C.2-9 thru C.2-12, Figs. 13, 14, 15 & 15A.
<input type="checkbox"/> 20360. Subsurface Barriers.	20360		If proposed: Not applicable to GCLF.
<input type="checkbox"/> 20365. Precipitation and Drainage Controls.	20365		Sec. B.5.4, pg. B.5-33, B.5-34; Sec. C.2.8, pgs. C.2-15 thru C.2-23; pgs. D.3-1 thru D.3-2; Sec. E.1.7, pgs. E.1-10 thru E.1-12.
<input type="checkbox"/> 20370. Seismic Design.	20370		Secs. D.4.4 thru D.4.6, pgs. D.4-13 thru D.4-20; App. C - pgs. 1-13, 1-15, 3-5, 3-9.
<input type="checkbox"/> 20375. Special Requirements for Surface Impoundments.	20375		If LF facility has SI: Not applicable to GCLF.
Subchapter 3. Water Monitoring ** Article 1. SWRCB - Water Quality Monitoring and Response Programs for Solid Waste Management Units** <input type="checkbox"/> 20380. SWRCB - Applicability.			
Corrective action financial assurance.	20380(b)		Sec. F.1.4, pg. F.1-6; App. P.
Duration of applicability.	20380(c)-(c)(2)	21900	20380(c)-(c)(2) not defined in regs.
Limitations on engineered alternatives.	20380(e)-(e)(3)	Appendix	Sec. B.5.1.3, pgs. B.5-9 thru B.5-15; Sec. C.1, pgs. C.1-1 thru C.1-3; App. G.
<input type="checkbox"/> 20385. Required Programs.	20385		Pgs. B.5-7 thru B.5-21; App. G, Sec. 3.0, pgs. 19 thru 22.
<input type="checkbox"/> 20390. Water Quality Protection Standard (Water Standard).	20390		Pgs. B.5-7 thru B.5-25; App. G, Sec. 3.0, pgs. 19 thru 24.
<input type="checkbox"/> 20395. Constituents of Concern (COCs).			
COCs	20395(a)		Pgs. B.5-13 thru B.5-15; App. G, pg. 22-24.
MSW COCs	20395(b)		Pgs. B.5-13 thru B.5-15; App. G, pg. 22-24.
<input type="checkbox"/> 20400. Concentration Limits.			
Proposing COCs.	20400(a)-(a)(3)		Pgs. B.5-13 and B.5-15; App. G, pg. 22-24.

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SWRCB Requirement	SWRCB Citation	Related CIWMB Citation	JTD Page Range(s) Fulfilling SWRCB Citation
Adoption of concentration limits.	20400(b)-(b)(3)		WDRs will be issued for GCLF during the permitting process.
Establishing a Concentration Limit Greater than Background (CLGB) (for corrective action only).	20400(c-h)		WDRs will be issued for GCLF during the permitting process.
Decreasing a CLGB (in DMP following a CAP).	20400(i)		WDRs will be issued for GCLF during the permitting process.
<input type="checkbox"/> 20405. Monitoring Points and the Point of Compliance.	20405(a-b)		Sec. B.5.1.3, pgs. B.5-9 thru B.5-15; App. G, pgs. 19-22.
<input type="checkbox"/> 20410. Compliance Period.	20410(a-c)		B.5-9; WDRs will be issued for GCLF during the permitting process.
<input type="checkbox"/> 20415. General Water Quality Monitoring and System Requirements.			
Section applies to all monitoring programs.	20415(a)		Sec. B.5.1.3, pgs. B.5-9 thru B.5-15.
Groundwater Monitoring System (general).	20415(b)-(b)(4)(D)		Pgs. B.5-9 thru B.5-15; App. G, pgs. 19-22; Table 2; Fig. 5.
Surface Water Monitoring (general).	20415(c)-(c)(2)(D)		Sec. B.5.1.3.2 - Pg. B.5-14, B.5-15; App. G, pg. 20-22.
Unsaturated Zone Monitoring (general)	20415(d)-(d)(4)		App. G, pgs. 20, 21, 22.
Mon. systems designed by RG or RCE.	20415(e)(1)		Sec. B.5.1.3, pg. B.5-9.
Logging of borings.	20415(e)(2)-(e)(2)(C)		Sec. B.5.1.3.1, pg. B.5-12; App. C (Attachment 1); App. C-1 (Attachment 1); App. G (Attachment 2); Some existing wells will be incorporated into the proposed monitoring well network.
Shared monitoring system demonstration for contiguous Units.	20415(e)(3)		If contig. Units: All Units at the GCLF will be contiguous, therefore, only one monitoring program will be utilized.
Monitoring sample QA/QC.	20415(e)(4)-(e)(4)(D)		App. G (Attachment 1, pgs. 6 thru 14).
Sampling & analytical methods (perf. std. for).	20415(e)(5)		App. G (Attachment 1, pages 6 thru 8).
Monitoring data procurement, analysis, and submittal.	20415(e)(6)-(e)(15)		Sec. E.2.5, pgs. E.2-9 thru E.2-11; App. G, Sec. 2.6.3, 2.6.4, pgs. 14-18; Tables 3-18.
<input type="checkbox"/> 20420. Detection Monitoring Program.	20420		Pgs. B.5-10 thru B.5-11; B.5-14; App. G; pgs. 19-26; WDRs will be issued for GCLF during the permitting process.
<input type="checkbox"/> 20425. SWRCB - Evaluation Monitoring Program.	20425	re (d)(3): 20919 et seq., 21790(b)(8)(E), 21800(c)	New facility, EMP will be developed, if necessary.

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SWRCB Requirement	SWRCB Citation	Related CIWMB Citation	JTD Page Range(s) Fulfilling SWRCB Citation
<input type="checkbox"/> 20430. Corrective Action Program.	20430		New Facility, CAP will be developed, if necessary. Reasonable Foreseeable Release information included in Section B.5.1.7 - p. B.5-22 thru B.5-23.
Subchapter 4. Criteria for Landfills and Disposal Sites Article 2. CIWMB - Daily and Intermediate Cover			
<input type="checkbox"/> 20705. Standards for Daily and Intermediate (Interim) Cover.	20705		Sec. B.4.4.5 & B.4.4.6, pgs. B.4-13 thru B.4-15, App. F-1.
Subchapter 5. Closure and Post-Closure Maintenance ** Article 1. General Standards For All Waste Management Units **			
<input type="checkbox"/> 20950. General Closure and Post-Closure Maintenance Standards Applicable to Waste Management Units (Units) for Solid Waste.	20950	re <input type="checkbox"/> (f): 21780(a)(3), 21790(b)(1), 21800(c), 21820, 21840	Parts E and F.
Article 2. Closure and Post-Closure Maintenance Standards for Disposal Sites and Landfills <input type="checkbox"/> 21090. Closure and Post-Closure Maintenance Requirements for Solid Waste Landfills.			
Final cover requirements (general).	21090(a)-(a)(2)	21140, 21790(b)(8)(B), 21800(e)	Sec. E.1.3, pgs. E.1-2 thru E.1-6.
Erosion control layer.	21090(a)(3)- (a)(3)(A)3.	21140, 21150, 21790(b)(8)(D) , 21800(e)	Sec. E.1.3.1.4, pg. E.1-6.
Maintenance (& plan for).	21090(a)(4)- (a)(4)(D)		Sec. E.2; Sec. E.2.8, pgs. E.2-11 thru E.2-14; Sec E.2.10, pgs. E.2-16 thru E.2-17; Sec F.1.3, pgs. F.1-5 and F.1-6; Table 18.
Discharges of liquids to covers (leachate & condensate).	21090(a)(5)(A)		Not proposed for GCLF.
Discharges of liquids to covers (other liquids).	21090(a)(5)(B)	20800, 21600(b)(8)(D)	Not proposed for GCLF.
Stability analysis.	21090(a)(6)	21145, 21790(b)(8)(B)	Sec. E.1.3.1.3, pgs. E.1-4, Sect. E.1.5 - pg. E.1-9; App. C, pgs. 3-6 thru 3-10.
Grading requirements (performance standards).	21090(b)-(b)(3)	20650, 21142(a), 21150, 21600(b)(4)(D), 21790(b)(8)(B)	Sec. B.5.4 - pg. B.5-33, B.5-34, Sec. C.2.8 - pgs. C.2-15 thru C.2-23; C.3.5- pg. C.3-2, Sec. C.4 - pgs. C.4-1 thru C.4-12, Sec. E.1.2, pgs. E.1-1, E.1-2; Sec. E.1.7, pgs. E.1-10 thru 12; Sec. E.2.12, pgs. E. 2-17 thru E.2-19; Figures 9 and 20; and App. M.
General post-closure duties.	21090(c)-(c)(5)	re (c)(2): 21150, 21160, 21180, 21790(b)(8)(F) // re (c)(4): 21600(b)(8)(F)	Section E.2.

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SWRCB Requirement	SWRCB Citation	Related CIWMB Citation	JTD Page Range(s) Fulfilling SWRCB Citation
Landfill closure deadline & extension.	21090(d)	21110, 21790(b)(8), 21800(c)	Any closure deadline extension approvals granted by the EA will only be implemented after concurrence with the SDRWQCB.
Final cover survey(s).	21090(e)-(e)(4)	21142(b)	Sec. E.1.4, pgs. E.1-7 thru E.1-9.
Optional clean closure.	21090(f)-(f)(2)	21810	Not applicable to GCLF.
<input type="checkbox"/> 21132. Landfill Emergency Response Plan Review.	<input type="checkbox"/> 21132		Sec. E.3.
<input type="checkbox"/> 21400. Closure Requirements for Surface Impoundments.	<input type="checkbox"/> 21400		If LF facility has SI: Not applicable to GCLF.
<input type="checkbox"/> 21410. SWRCB - Closure Requirements for Waste Piles.	<input type="checkbox"/> 21410		If LF facility has WP: Not applicable to GCLF.
Chapter 4. Documentation and Reporting For Regulatory Tiers, Permits, WDRs, and Plans Subchapter 3. Development of Waste Discharge Requirements (WDRs) and Solid Waste Facility Permits Article 2. CIWMB - Applicant Requirements.			
<input type="checkbox"/> 21585. SWRCB - Joint Technical Document (JTD). [format for submittal of <input type="checkbox"/> 21710, <input type="checkbox"/> 21750, <input type="checkbox"/> 21760 information]	21585		Sec. A.1.2, pgs. A.1-2 thru A.1-3; Table 1 pgs. A.1-4 thru A.1-9.
Article 4. SWRCB - Development of Waste Discharge Requirements (WDRs) **			
<input type="checkbox"/> 21710. SWRCB - Report Of Waste Discharge (ROWD) and Other Reporting Requirements. [see also <input type="checkbox"/> 21585]	21710	re <input type="checkbox"/> (c)(1-2): 21145(b), 21200, 21630	This JTD constitutes a Report of Waste Discharge as required under this Section (21710).
<input type="checkbox"/> 21720. SWRCB - Waste Discharge Requirements (WDRs).	21720(d-f)	re <input type="checkbox"/> (f): 20510, 20515	Sec. A.1-1, pgs. A.1-1 thru A.1-3; Sect. B.2.2.2 – pgs. B.2-2, B.2-3; WDRs will be issued for GCLF during the permitting process.
<input type="checkbox"/> 21730. SWRCB - Public Participation. [proposed listing of potentially interested parties]	21730(a)		SDRWQCB to notify public.
<input type="checkbox"/> 21740. SWRCB - Waste Characteristics.	21740	re <input type="checkbox"/> (a)(1): 21600(b)(2)(A) & (b)(7)(E)	Sec. B.1.5, pgs. B.1-4 thru B.1-10, Table 4.
<input type="checkbox"/> 21750. SWRCB - Waste Management Unit (Unit) Characteristics and Attributes to be Described in the ROWD.			
Analysis of potential for impairment.	21750(a)	21600(b)(4)(A)	Sect. B.5.1.1.4 - pgs. B.5-4 thru B.5-8, Sec. B.5.1.5 – pgs. B.5-16, B.5-17
Support for proposed Unit classification.	21750(b)	21600(b)(4)(A)	Part D – Secs. D.1 thru D.6.
Listing & incorporation of supporting documents.	21750(c)	21600(b)(4)(A)	Sec. D.6.
Topographic map.	21750(d)(1)	21600(b)(4)(A)	Sec. D.2.1 and D.2.2, pg. D.2-1; Figure 30A.
Floodplain analysis.	21750(d)(2)-(d)(2)(C)2.	21600(b)(4)(A)	Sec. D.2.3, pgs. D.2-1, D.2-2, Figure 30B.
Climate	21750(e)-(e)(6)	21600(b)(4)(A)	Sec. D.3, pgs. D.3-1 thru D.3-2; Figures 28, 28A.

**Table 1
Gregory Canyon Landfill
SWRCB JTD Index**

SWRCB Requirement	SWRCB Citation	Related CIWMB Citation	JTD Page Range(s) Fulfilling SWRCB Citation
Geology	21750(f)-(f)(7)	21600(b)(4)(A) // re (f)(5): 21145, 21790(b)(8)(B)	Sec. D.4, pgs. D.4-1 thru D.4-23; Figs. 29 and 30; App. C (pgs. 1-1 thru 1-17); Plate 1; Fig. 1-1.
Hydrogeology	21750(g)-(g)(7)(D)	21600(b)(4)(A)	Sec. D.5, pgs. D.5-1 thru D.5-17; Fig. 30A; App. C, pgs. 2-1 thru 2-19, Plate 2, Tables 2-3 thru 2-19, Fig. 2-3A, 3B; App. C-1, pgs. 1-17
Land/Water Use	21750(h)-(h)(5)	21600(b)(4)(A) re ¶(h)(4): 21600(b)(3)(E)	pgs. B.1-2 thru B.1-3, Sec. D.5 – p. D.5-5 thru D.5-8; D.5-14 thru D.5-17; Figs. 3, 4, 10C, 30A; Table 12D – pg. D.5-14; App. C – pgs. 2-1 thru 2-5, Fig. 2-2; App. G, pgs. 1 thru 6.
Preliminary closure plan.	21750(i)		Parts E and F including Tables 17 and 18.
□21760. SWRCB - Design Report and Operations Plan.			
Design Report □ Preliminary and as-built plans.	21760(a)(1)		Pgs. C.1-1 thru C.1-3, C.2-1; Drawings 1 thru 28 constitute the Preliminary Plans; As-Built plans will be submitted to the SDRWQCB upon completion of the landfill or any portion thereof.
Design Report	21760(a)(3)-(a)(4)		Pgs. B.5-8 thru B.5-25, E.2-9 thru E.2-11, Sec. C.4; Fig. 10C; Appendix G
Operation Plan	21760(b)-(b)(3)		Sec. B.4, B.5, Sec. E.2 and E.3.
Subchapter 4. Development of Closure/Post-Closure Maintenance Plans 21769. SWRCB - Closure and Post-Closure Maintenance Plan Requirements.			
Prelim. CI/P-CI Plan □□purpose.	21769(b)(1)		Pg. E.1-1.
Prelim. CI/P-CI Plan Contents - cost analysis.	21769(b)(2)-(b)(2)(B)5.		Part E (all sections) and Part F including Tables 17 and 18.
Final CI/P-CI Plan	21769(c)-(c)(2)(H)3.		Sec. A.2.5, pg. A.2-5.
Chapter 5. Enforcement Article 4. Enforcement by Regional Water Quality Control Board (RWQCB) **			
□22190. SWRCB - Mandatory Closure (Cease and Desist Orders).	22190(b)		If early closure is mandated, GCL will comply with SDRWQCB orders.
Chapter 6. Financial Assurances at Solid Waste Facilities and at Waste Management Units for Solid Waste Subchapter 2. Financial Assurance Requirements Article 1. Financial Assurance for Closure			
□22207. SWRCB - Closure Funding Requirements.	22207(a)		GCL has established closure fund in accordance with CIWMB requirements (See pg. F.1-6).
Article 2. Financial Assurance for Post-Closure Maintenance			
□22212. SWRCB - Post-Closure Funding Requirements.	22212(a)		GCL has established closure fund in accordance with CIWMB requirements (See pg. F.1-6).
Article 4. Financial Assurance Requirements for Corrective Action			
□22222. SWRCB - Corrective Action Funding Requirements.	22222		Pgs. B.5-17 thru B.5-23, Table 8; pg. F.1-6. A fund to accommodate the Reasonably Foreseeable Release Estimate will be established after the WDRs are issued and prior to actual disposal operation.

Table 2
Gregory Canyon Landfill
JTD Index - CIWMB Requirements

CIWMB JTD Requirements	CIWMB Section No.	SWRCB Section No.	JTD Page(s)
General			
Name of Facility, Site Operator and Owner	21600(b)(1)(A)		Sec. A.2-2 - p. A.2-3
Description of the Operation Cycle	21600(b)(1)(A)		Sec. B.4.4.2 thru B.4.4.5.1 - pgs. B.4-7 thru B.4-14
Site Plan Including Boundaries, Acreage, and Buffer Zones	21600(b)(1)(B)		Sec. B.1.2.3 - p. B.1-2; Sec. B.1.4 - pgs. B.1-3, B.1-4; Figures 2, 6A, 27A; App. B-3
Hours of Operation	21600(b)(1)(C)		Sec. B.4.1 - p. B.4-1
Waste Classification and Management			
Types and Quantities of Waste	21600(b)(2)(A)	21740(a)(1)	Sec. B.1.5.2 thru B.1.5.4 - pgs. B.1-5 thru B.1-10
Waste Management Unit Classification and Siting			
Airport Safety	21600(b)(3)(A)		Sec. B.1.2.2 - p. B.1-2; Not applicable to GCLF.
Volumetric Capacity	21600(b)(3)(B)		Sec. B.1.6 - p. B.1-11
Site Life Estimate	21600(b)(3)(C)		Sec. B.1.7 - pgs. B.1-11, B.1-12
Site Location (vicinity map)	21600(b)(3)(D)		Sec. B.1.3 - p. B.1-3; Figure 6
Surrounding Land Use and Zoning (plot plan)	21600(b)(3)(E)	21750(h)4	Sec. B.1.2.4 - pgs. B.1-2, B.1-3; Figs. 3, 4
Ancillary Facilities (include on plot plan)	21600(b)(3)(F)		Sec. B.3 - pgs. B.3-1 thru B.3-6; Figure 8
Design and Construction Standards for All Waste Management Units			
Design Responsibility <i>{Describe how the site design provides for the surrounding physical setting}</i>	21600(b)(4)(A)	21750(a-h)	Sec. D.1, D.2, D.3, D.4, D.5 and D.6
Design Responsibility <i>{New disposal sites shall be designed under a civil engineer}</i>	21600(b)(4)(B)		Sec. C.1.1 - p. C.1-2
Construction Sequencing Plans	21600(b)(4)(C)		Sec. C.2.9 - pgs. C.2-23 thru C.2-32; Figures 20-26
Grading Plan <i>{Include existing and proposed final contours for disposal area and borrow area}</i>	21600(b)(4)(D)	21090(b)-(b)(3)	Sec. B.4.4.1.4 - p. B.4-7; Sec. E.1.2 - pgs. E.1-1, E.1-2; Figures 9 and 20

Table 2
Gregory Canyon Landfill
JTD Index - CIWMB Requirements

CIWMB JTD Requirements	CIWMB Section No.	SWRCB Section No.	JTD Page(s)
Design and Construction Standards for All Waste Management Units (continued)			
Gas Management Plan <i>[Demonstrate the ability to comply with T27 20919, 20919.5 and gas control for closure plans]</i>	21600(b)(4)(E)		Sec. B.5.2 – pgs. B.5-26 thru B.5-28, Sec. C.2.7 – pgs. C.2-13 thru C.2-15; Figures 2, 11, 16 and 16A
Operating Criteria {Demonstrate the ability to comply with the following:}			
Disposal Site Records	21600(b)(5)(A)		Sec. A.3 – pgs. A.3-1 thru A.3-2
Site Security	21600(b)(5)(B)		Sec. B.3.2 – p. B.3-5, B.3-6; Sec. B.3.1.3, - p. B.3-3
Sanitary Facilities	21600(b)(5)(C)		Sec. B.4.6.1 – p. B.4-18
Communications Systems	21600(b)(5)(D)		Sec. B.4.6.3 – p. B.4-18
Lighting [for facilities which operate during darkness]	21600(b)(5)(E)		Sec. B.4.6.4 – p. B.4-18
Safety Equipment	21600(b)(5)(F)		Sec. B.4.6.5 – p. B.4-19
Personnel Requirements	21600(b)(5)(G)		Sec. B.4.2 – pgs. B.4-1 thru B.4-4, Table 6
Personnel Training	21600(b)(5)(H)		Sec. B.4.2.2 – p. B.4-3, B.4-4
Supervisory Structure	21600(b)(5)(I)		Sec. B.4.2.3 – p. B.4-4
Spreading and Compacting	21600(b)(5)(J)		Sec. B.4.4.3 – p. B.4-12
Cover			
Cover Materials	21600(b)(6)(A)		Sec. B.4.4.5 thru B.4.4.8 – pgs. B.4-13 thru B.4-16; Sec. C.2.2.3 – pgs. C.2-2, C.2-3; Sec. C.3.2 – p. C.3-1; Figures 15 and 31, App. F-1
Cover Frequency	21600(b)(6)(B)		Sec. B.4.4.5 – p. B.4-13
Intermediate Cover	21600(b)(6)(C)		Sec. B.4.4.6 – pgs. B.4-14, B.4-15
Handling			
Public Health Design Parameters	21600(b)(7)(A)		Sec. B.5 – pgs. B.5-1 thru B.5-35
Salvaging Activities	21600(b)(7)(B)		Sec. B.4.5 – pgs. B.4-17, B.4-18
Volume Reduction Activities	21600(b)(7)(C)		Sec. B.4.5.5 – p. B.4-18
Equipment	21600(b)(7)(D)		Sec. B.4.3 – pgs. B.4-4 thru B.4-6, Table 7

Table 2
Gregory Canyon Landfill
JTD Index - CIWMB Requirements

CIWMB JTD Requirements	CIWMB Section No.	SWRCB Section No.	JTD Page(s)
Handling			
Special Waste Handling	21600(b)(7)(E)	21740(a)(1)	Sec. B.1.5.2.3. - pgs. B.1-6, B.1-7; Sec. B.4.4.2.1 - pgs. B.4-8 thru B.4-12; Sec. B.5.6 - p. B.5-35; App. F

Environmental Controls			
Nuisance	21600(b)(8)(A)		Sec. B.5.3 - pgs. B.5-28 thru B.5-33, App. D-2
Fire Control	21600(b)(8)(B)		Sec. B.5.3.5 - pgs. B.5-32, B.5-33
Leachate Control (for purposes of public health)	21600(b)(8)(C)		Sec. B.5.1.1 - pgs. B.5-1 thru B.5-8; Sec. C.2.5 - pgs. C.2-9 thru C.2-12; Fig. 13, 14, 15, 15A
Dust Control	21600(b)(8)(D)	21090(a)(5)(B)	Sec. B.5.3.1 - pgs. B.5-28, B.5-29
Vector Control	21600(b)(8)(E)	20425(d)(3)	Sec. B.5.3.2 - pgs. B.5-30
Drainage & Erosion Control	21600(b)(8)(F)	21090(c)(4)	Sec. B.5.4 - p. B.5-33, B.5-34; Sec. C.2.8 - pgs. C.2-15 thru C.2-23; Figs. 17, 19
Litter Control	21600(b)(8)(G)		Sec. B.5.3.3 - pgs. B.5-30, B.5-31
Noise Control	21600(b)(8)(H)		Sec. B.5.3.4 - p. B.5-31
Traffic Control (within the facility)	21600(b)(8)(I)		Sec. B.5.5 - p. B.5-34, B.5-35
Hazardous Waste/Loadchecking	21600(b)(8)(J)		Sec. B.4.4.2.1- pgs. B.4-8 thru B.4-12; Sec. B.5.6- p. B.5-35; App. F

Approvals			
Compilation of Approvals	21600(b)(9)		Sec. B.2-pgs. B.2-1 thru B.2-7; Table 5, App. D-1

CIWMB - Requirements for JTD/RDSI amendments and/or complete application package [21600(a)]	CIWMB Section No.	SWRCB Section No.	JTD Page(s)
CEQA Information	21570(f)(3)(4)		Sec. B.2.2.5 - p. B.2-5
Conformance Finding Information	21570(f)(5)		Sec. B.2.2.3 - p. B.2-3, B.2-4
Complete Closure/Postclosure Maintenance Plan	21570(f)(6)		Sec. A.2.5 - p. A.2-5; Sec. E.1, E.2, E.3, E.4 and F.1
Financial Assurances Operating Liability Information	21570(f)(7 and 8)		Sec. B.2.2.1 - p. B.2-2; F.1.4 - p. F.1-6
Land Use and/or Conditional Use Permits	21570(f)(9)		Sec. B.2.2.3-p. B.2-4

Table 2
Gregory Canyon Landfill
JTD Index - CIWMB Requirements

CIWMB - Closure/Postclosure Maintenance Plan Requirements if part of JTD - Preliminary Closure Plans	CIWMB Section No.	SWRCB Section No.	JTD Page(s)
Closure Cost Estimate	21790(b)(1)	20950(f)	Sec. F.1 – pgs. F.1-1 thru F.1-9; Table 17
Location Maps	21790(b)(2 & 4)		Figures 1 and 6
Post-Closure Land Uses	21790(b)(5)		Sec. B.1.9 – p. B.1-13; Sec. D.1.3 – p. D.1-2
Estimate of Required Closure	21790(b)(6)		Sec. F.1 – pgs. F.1-1 thru F.1-9; Table 17
Estimated Closure Date	21790(b)(7)		Sec. B.1.7 – pgs. B.1-11, B.1-12
Closure Activities	21790(b)(8)	21090(d)	Sec. E.1.12 – pgs. E.1-16 thru E.1-19; Table 13
Site Security and Structure Removal	21790(b)(8)(A)		Sec. E.1.10, E.1.11 – p. E.1-14, E.1-15
Final Cover and Grading	21790(b)(8)(B)	21090(a)-(a)(2), (a)(6), (b)-(b)(3), 21750 (f)(5)	Sec. B.4.4.7- pgs. B.4-15, B.4-16; Sec. E.1.2 – pgs. E.1-1, E.1-2; Sec. E.1.3 – pgs. E.1-2 thru E.1-6; Figures 9, 20, and 31
Construction Quality Assurance	21790(b)(8)(C)		Sec. C.4 – pgs. C.4-1 thru C.4-12; Sec. E.1.6 – p. E.1-9; App. M and N
Drainage and Erosion Control	21790(b)(8)(D)	21090(a)(3)-(a)(3)(B)	Sec. E.1.7 – pgs. E.1-10 thru E.1-12; Sec. B.5.4 – p. B.5-33, B.5-34; Sec. C.2.8 – pgs. C.2-15 thru C.2-23; Figs. 17, 19
Gas Monitoring	21790(b)(8)(E)	20425(d)(3)	Sec. E.1.8 – pgs. E.1-12, E.1-13; Sec. Sec. B.5.2 – pgs. B.5-26 thru B.5-28, Sec. C.2.7 – pgs. C.2-13 thru C.2-15; Figures 2, 11, 16 and 16A
Leachate Monitoring	21790(b)(8)(F)	21090(c)(2)	Sec. B.5.1.1 – pgs. B.5-1 thru B.5-8; Sec. C.2.5 – pgs. C.2-9 thru C.2-12; Sec. E.1.9.1 – p. E.1-13; Fig. 13, 14, 15, 15A

Table 2
Gregory Canyon Landfill
JTD Index - CIWMB Requirements

CIWMB – Closure/Postclosure Maintenance Plan Requirements if part of JTD – Final Closure Plans	CIWMB Section No.	SWRCB Section No.	JTD Page(s)
Items Under 21790 (Preliminary Plans)	21800(c)	20425(d)(3), 20950(f), 20909(a)-(a)(3)(A)(3), 21090	Preliminary Closure Plan included in Parts E and F of the JTD.
Sequence of Closure Stages With Dates	21800(c)	21090(a)-(a)(2), (d)	Not applicable to a Preliminary.
Schedule for Disbursement	21800(d)		Not applicable to a Preliminary.

CIWMB – Closure/Postclosure Maintenance Plan Requirements if part of JTD - Preliminary Postclosure Maintenance Plans	CIWMB Section No.	SWRCB Section No.	JTD Page(s)
Description of Planned Uses per 21190	21825(b)(1)	21769(b)	Sec. B.1.9 – p. B.1-13; Sec. D.1.3 – p. D.1-2
Description of Maintenance per 21180	21825(b)(2)	21769(b)	Sec. E.2 – pgs. E.2-1 thru E.2-23; Table 14

CIWMB - Closure/Postclosure Maintenance Plan Requirements if part of JTD - Final Postclosure Maintenance Plans	CIWMB Section No.	SWRCB Section No.	JTD Page(s)
Emergency Response Plans per 21130	21830(b)(1)	21769(c)	Sec. E.3 – pgs. E.3-1 thru E.3-7
List of Responsible Parties	21830(b)(2)	21769(c)	Sec. E.2.2 – p. E.2-1, E.2-2
Post-Closure Planned Uses per 21190	21830(b)(3)	21769(c)	Sec. B.1.9 – p. B.1-13; Sec. D.1.3 – p. D.1-2
As-builts for Monitoring and Control Systems, etc.	21830(b)(4)	21769(c)	Not applicable.
Description of Maintenance per 21180	21830(b)(5)	21769(c)	Not applicable.
Operations and Maintenance plan for Gas Control System	21830(b)(6)	21769(c)	Not applicable.
Plan to Report Results of Monit./Control per 21180	21830(b)(7)	21769(c)	Not applicable.
Postclosure Mtce. Cost Estimates per 21840	21830(b)(8)	21769(c)	Not applicable.

NOTE: For submitting amendments of Closure and Postclosure Maintenance Plans as part of a JTD, use Section 21780 and include the requirements of Section 21865 (b)(1)-(4).

SECTION A.2
PROJECT DESCRIPTION

A.2 PROJECT DESCRIPTION

A.2.1 HISTORIC OVERVIEW

The GCLF is located in northern San Diego County near the community of Pala (Figure 1). The GCLF property includes approximately 1,770 acres of which approximately 308 acres will be used for overall landfill activities (e.g., stockpile areas, ancillary facilities, access road, refuse disposal) of which 183 acres will be used for refuse disposal. The proposed site will be permitted as a Class III landfill. The landfill will be operated using the canyon and area fill methods of refuse filling. Two dairies (the Lucio and Verboom properties) were operated for a number of years within the property limits of the GCLF, though neither operated within the proposed disposal area footprint.

The project site has been the subject of previous studies to determine the feasibility of developing a landfill: In 1990, the County of San Diego and Bureau of Land Management (BLM) prepared a Draft Environmental Impact Report/Environmental Impact Study (EIR/EIS) that included an evaluation of the Gregory Canyon site. Other landfill sites were also evaluated in the EIR/EIS including the Aspen Road site just west of Rainbow Valley and Interstate 15 near the Riverside County line, and the Blue Canyon site within the San Jose Del Valle region of northeastern San Diego County. The 1990 Draft EIR/EIS was never certified or acted on. However, the analysis led to a decision by the County Board of Supervisors to abandon the Blue Canyon site and add two other potential sites, Merriam Mountain and Gopher Canyon. The Gopher Canyon site was later eliminated from the County's search, leaving Gregory Canyon, Aspen Road and Merriam Mountain as possible landfill sites to serve the North County area.

In early 1994, petitions for an initiative to allow the Gregory Canyon site to be used for a landfill were circulated for registered voter signatures. This resulted in Proposition C being placed on the November 1994 ballot. San Diego County voters approved Proposition C in November 1994 with 68 percent of the vote in favor of allowing construction and operation of a Class III landfill and recycling

collection facility on the project site. A copy of the Proposition C initiative is included in Appendix B.

Proposition C provides some project history. Section 2 of Proposition C, Findings and Purpose, cites the County's policy of subregional responsibility and states that San Diego County has unsuccessfully tried to site a new landfill facility in North County since the San Marcos Landfill was approved in 1977. The petition cites the 1986 County Solid Waste Management Plan (CoSWMP), which identified a critical need for an additional North County landfill to service North County residents. It also references the fact that the Gregory Canyon site was selected as one of three preferred landfill sites by the County, based on a 1987 siting study which evaluated more than 150 possible sites within 1,150 square miles of northern San Diego County.

The validity of Proposition C was challenged by two landowners in the area near the Gregory Canyon property. Litigation was filed in the State Superior Court against the County of San Diego and the project applicant, GCL. In May 1995, the Superior Court ruling upheld the validity of the initiative. The Pala Band of Mission Indians, one of the two original plaintiffs, appealed the decision of the Superior Court to the Court of Appeals and in 1997, the Court of Appeals unanimously upheld the validity of the initiative. The Supreme Court of California refused to hear an appeal of the decision of the Court of Appeals.

The approval of Proposition C opened the door for development of the property. Gregory Canyon Limited optioned rights to the property and began the process to approve the landfill project. A final EIR, reflecting the GCLF project, was resubmitted to the EA in January 2001. The Director of the Solid Waste EA certified that the FEIR was completed in compliance with CEQA and the CEQA Guidelines on February 6, 2003. The FEIR is comprised of the following parts: the January 28, 1999, Draft EIR; the December 9, 1999, Revised Draft EIR (RDEIR); the May 25, 2000, Revised Partial Draft EIR (RPDEIR); the comments submitted on the December 9, 1999 RDEIR and May 25, 2000 RPDEIR; responses to those comments; and a list of persons, organizations and agencies that submitted comments.

The proposed design and operational activities related to the GCLF project are summarized in Sections A.2.3 and A.2.4, respectively.

A.2.2 FACILITY OWNER/OPERATOR

The GCLF is located on property currently owned by Gregory Canyon Limited. Gregory Canyon Limited is a California limited liability company in good standing. For additional information regarding ownership of the site, please refer to Section B.1.4. Gregory Canyon Limited will also be shown as the operator of record on all permits and approvals, including the SWFP and WDRs. Actual day-to-day operations at the site will be conducted by a contract operator. A copy of a sample non-exclusive license and operating agreement is included as Appendix B-1. Upon approval of the project, Gregory Canyon Limited will select a qualified contract operator and provide the LEA with a copy of the negotiated contract, including appropriate personnel qualifications.

A.2.3 PROPOSED LANDFILL DESIGN AND DEVELOPMENT

The proposed Class III GCLF project will include the following landfill design features:

- The proposed landfill footprint will be approximately 183 acres. Section B.1.4 (p. B.1-3, B.1-4), Section C.2.1 (p. C.2-1), Section D.1.2 (p. D.1-2), see Figure 2.
- The project area will also include designated soil stockpile/borrow areas (Section B.4.4.1.1 – p. B.4-6; Section C.2.2.4 – p. C.2-4, C.2-5; Section C.3.2 – p. C.3-1; Figure 2). The designated stockpiling and borrow areas will be provided in two locations. Borrow/Stockpile Area A will be located west of the proposed landfill footprint at a distance of approximately 960 feet (adjacent to the western property boundary). Borrow/Stockpile Area B will be located immediately southwest and adjacent to the proposed landfill footprint. Other project components include an ancillary facilities area (Section B.3.1 – p. B.3-1 through B.3-6), access road (Section B.3.1.1 – p. B.3-1, B.3-2, B.3-3), bridge and internal haul road (Section B.3.1.1 – p. B.3-1, B.3-2, B.3-3), and two drainage desilting basins (Section C.2.8.3.4 – p. C.2-18 through C.2-20).
- The GCLF project waste containment unit design will meet and in some cases (i.e., the proposed liner), exceed State Class III WMU standards, as defined under 27 CCR, Chapters 3 and 4, and federal non-hazardous

municipal solid waste landfill regulations, as specified in 40 CFR, Parts 257 and 258 (also known as Subtitle D). The waste containment system will consist of a subdrain system (Section B.5.1.2 – p. B.5-8, B.5-9, Section C.2.3 – p. C.2-6 through C.2-7, Figures 13, 14, 15 and 15A), composite liner (Section C.2.4 – p. C.2-7 through C.2-9, Figure 14); a leachate collection and removal system (LCRS) (Section B.5.1.1.2 – p. B.5-2, B.5-3; Section C.2.5.4 – p. C.2-11, C.2-12, Figures 13, 14, 15, and 15A); a protective cover layer (Section C.2.6 – p. C.2-12, C.2-13, Figure 14); and ultimately, a final cover (Section E.1.3 – p. E.1-2 through E.1-6, Figure 31).

- Installation of environmental monitoring and control systems. Section B.5.1.1.2 (p. B.5-2, B.5-3), Section B.5.1.3.1 (p. B.5-11 through B.5-14), Section B.5.2.3 (p. B.5-27, B.5-28), and Section B.5.3 (p. B.5-28 through B.5-33).
- The landfill will be developed in accordance with engineering design plans for the final landfill configuration. The conceptual engineering design proposes four excavation (Phases I, II, III and IV) and three refuse fill phases (Phases I, II and III). Section C.2.9 (p. C.2-23 through C.2-32), and Figures 9, 21, 21B, 22, 23, 24, 25 and 26.
- The final grading contours will reach a maximum elevation of 1,100 feet above mean sea level (amsl). Section B.4.4.1.4 (p. B.4-7) and Figure 9.
- The proposed disposal area will provide approximately 31.1 million tons of refuse capacity. Section B.1.6 (p. B.1-11).

Figure 2 presents the layout of the proposed landfill and the proposed areas for stockpiling.

It should be noted that over time and as a result of regulatory agency comments, the GCLF project has been changed from the “proposed project” presented in the certified FEIR (Chapter 3.0 – Project Description). The project described in the JTD was downsized from the “proposed project” in the FEIR and as a result has less potential impacts than would occur from the “proposed project” in the FEIR. Appendix B-2 presents comparison information contained in the FEIR and JTD to show these changes.

A.2.4 PROPOSED LANDFILL OPERATIONS

The following proposed operations will be conducted at the GCLF as part of regular disposal activities:

- The peak daily loading will be 5,000 tons per day (tpd). Section B.1.5.4 (p. B.1-9).
- The average annual tonnage is anticipated to be approximately 1,000,000 tons (assumes 307 operating days and daily inflow rate of 3,200 tpd and is rounded up) or 3,200 tpd over the life of the project. Section B.1.5.4 (p. B.1-9, B.1-10).
- The hours of operation will be 7:00 a.m. to 6:00 p.m., Monday through Friday, and 8:00 a.m. to 5:00 p.m. on Saturday. The landfill will operate six days a week (less six major holidays) for a total of 307 operating days per year. Section B.4.1 (p. B.4-1).
- The site life will be approximately 30 years. Section B.1.7 (p. B.1-11, B.1-12).
- As part of normal disposal operations, the use of alternative daily cover (ADCs), in conjunction with soil, will be implemented. Initially, the selected ADC will be geosynthetic blankets utilized as part of daily refuse cover operations. Section B.4.4.5.1 (p. B.4-13 through B.4-14).

A.2.5 PRELIMINARY CLOSURE AND POST-CLOSURE MAINTENANCE PLAN (PCPCMP) STATUS

This JTD integrates a simplified PCPCMP element prepared in accordance with current regulations and included as Parts E and F of this document. A separate Final Closure Plan will be prepared and submitted to the appropriate regulatory agencies (i.e., EA, CIWMB and RWQCB) two years prior to the anticipated closure date for any portion thereof or the entire landfill. A separate discretionary action and CEQA review and clearance will be required prior to approval of the Final Closure Plan.

SECTION A.3
RECORDKEEPING

A.3 RECORDKEEPING

A.3.1 OPERATING RECORD

A comprehensive operating record will be maintained in accordance with federal and State regulations under 40 CFR 258.29 (Subtitle D) and 27 CCR, Section 20515. Those landfilling activities related to the requirements discussed below will be documented and included in the operating record.

Requirements under 40 CFR 258 and 27 CCR, Section 20515

- Any location restriction demonstration required by 27 CCR, Section 20270;
- Inspection records, training records, and notification procedures required by 27 CCR, Section 20870;
- Gas monitoring results from monitoring and any remediation plans required by 27 CCR, Section 20919;
- Closure and post-closure maintenance plans as required by 27 CCR, Section 21780, notice of intent to close the unit as required by 27 CCR, Section 21135, notice of certification of closure as required by 27 CCR, Section 21880, deed notation as required by 27 CCR, Section 21170, and any gas monitoring, testing, or analytical data as required by 40 CFR 258.61;
- Demonstration, certification, finding, monitoring, testing or analytical data required by 40 CFR 258 Subpart E (Sections 258.50 - 258.58);
- Closure and post-closure care plans and any monitoring, testing, or analytical data required by 40 CFR 258 Sections 258.60 - 258.61; and
- Any cost estimates and financial assurance documentation required by 27 CCR, Sections 22221, 22226, 21820 and 21840.

Approvals, determinations and other requirements authorized by the EA under Chapter 3, Subchapter 4 shall be documented in writing to the operator and placed in the operating record in accordance with 27 CCR, Section 20517.

A.3.2 TONNAGE RECORDS

Each refuse disposal vehicle entering the GCLF will be required to check in at the entrance facility and will be weighed prior to unloading at the landfill

working face. Typically, a commercial vehicle's tare weight is known and is usually marked on the vehicle so that the scale operator can determine the net weight of refuse being hauled. If the tare weight is not already known, the scale operator will direct the vehicle to weigh in before and after unloading to determine the weight of refuse delivered. Daily receipts will be kept by the scale operators and maintained in the operating record. This information will be used to assist in projecting the rate of filling, for reporting to the EA and RWQCB, and for determining the various fees assessed on a per ton basis.

A.3.3 SUBSURFACE RECORDS

Data and records concerning subsurface conditions will be found in the boring logs, geologic and hydrogeologic maps, and various studies completed for the proposed GCLF development. Groundwater information will be gathered, as required, under the monitoring program and reported to the RWQCB.

Records showing the excavation of future refuse area subgrade also will be maintained. Subsurface records will be maintained and available on-site for review.

A.3.4 UNUSUAL OCCURRENCES

The operator will maintain a daily log of unusual occurrences which will be available for inspection upon request. Unusual occurrences of special interest would include, but is not limited to, landfill fires, landslides, flooding, unusual and sudden settlement, earthquakes and resulting damage, property damage, accidents, explosions and discharges of hazardous or other non-permitted wastes.

A.3.5 LOCATION AND INSPECTION OF OPERATING RECORDS

The operating records will be maintained on-site at the GCLF administration office. These records will be available during normal business hours for inspection by authorized representatives of those regulatory agencies having jurisdiction over the GCLF.

SECTION A.4

REFERENCES

A.4 REFERENCES

The following reference material was utilized in the preparation of this JTD.

1. California Code of Regulations, Title 22, Division 4, Chapter 30.
2. California Code of Regulations, Title 27, Division 2.
3. California, State of, Public Resources Code, Division 30.
4. EPA Regulations, Title 40 Code of Federal Regulations, Parts 257 and 258 (Subtitle D).
5. David Evans and Associates, Inc., January 1999, Draft Environmental Impact Report for the Gregory Canyon Landfill.
6. PCR, December 1999, Revised Draft Environmental Impact Report for the Gregory Canyon Landfill.
7. PCR, May 2000, Revised Partial Draft Environmental Impact Report for the Gregory Canyon Landfill.
8. PCR, December 2002, Final Environmental Impact Report for the Gregory Canyon Landfill.

SECTION A.5

**CERTIFICATION OF CONTENTS
AFFIDAVITS/DOCUMENTATION**

A.5 CERTIFICATION OF CONTENTS AND
AFFIDAVITS/DOCUMENTATION

On behalf of Gregory Canyon Limited LLC, a California limited liability company, I hereby certify that the application for a Solid Waste Facility Permit, including the Joint Technical Document, dated February 2, 2004, and all revisions to the permit application submitted up to and including March 25, 2004, are accurate and true to the best of my knowledge and belief. The permit application and Joint Technical Document have been prepared in accordance with 27 CCR Sections 21585, 21590 and 21600.

A copy of the Certificate of President and Managing Member authorizing me to provide this certification on behalf of Gregory Canyon Limited LLC is attached.

Respectfully submitted,



Richard Chase
Project Manager
Authorized Representative

**CERTIFICATE OF PRESIDENT AND MANAGING MEMBER
OF**

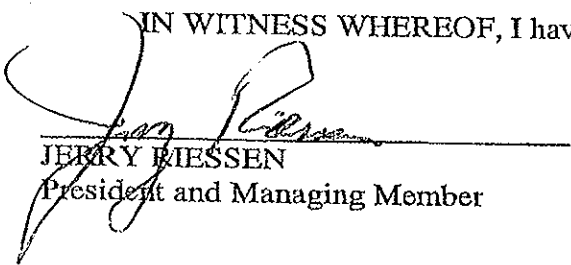
GREGORY CANYON, LTD. LLC
A California Limited Liability Company

I, JERRY RIESSEN, hereby certify that:

I am the President and Managing Member of Gregory Canyon, Ltd. LLC, a California limited liability company (the "Company"); and

Pursuant to the Operating Agreement of the Company, Richard Chase is authorized to execute any and all certifications related to the accuracy of information contained in the permit application and Joint Technical Document submitted to the San Diego County Department of Environmental Health, and all other certifications and documents related thereto, on behalf of the Company.

IN WITNESS WHEREOF, I have executed this certificate as of March 24, 2004.



JERRY RIESSEN
President and Managing Member

Certificate of Pres and MM.doc



A  Semptra Energy® utility

March 24, 2004

Ms. Pamela Raptis
Solid Waste Local Enforcement Agency
San Diego County Dept. of Environmental Health
9325 Hazard Way
San Diego, California 92123

SUBJECT: GREGORY CANYON LANDFILL

Dear Ms. Raptis:

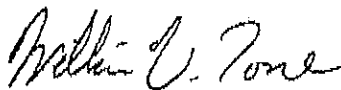
At the request of Gregory Canyon, Ltd. LLC (Gregory Canyon), this letter is written to acknowledge that San Diego Gas & Electric Company (SDG&E) is the owner of the existing transmission facilities, associated transmission easement and fee owner of an approximate thirteen (13) acre parcel, all located within the Gregory Canyon Landfill site. SDG&E and Gregory Canyon are nearing completion on the text of a Memorandum of Understanding (MOU). The MOU will address the 1) relocation of the existing transmission facilities, 2) quitclaim of SDG&E's easement interest, 3) conveyance of a new transmission easement to SDG&E, and 4) conveyance of SDG&E's ownership of the approximate 13 acre parcel to Gregory Canyon. Upon completion of negotiations and preparation of the attached exhibits, the MOU can be executed.

SDG&E is aware that the Gregory Canyon Landfill project is a proposed solid waste landfill, and further understands that its construction and operation may impact SDG&E's property interests. We further understand, based on Gregory Canyon's current development plan, that relocation of the transmission facilities and transfer of land rights can take place some years following initial construction and operation of the proposed landfill.

SDG&E certifies that the statements in this letter, and the discussion in Section B.1.4 of the Gregory Canyon JTD (to the extent it addresses SDG&E's ownership interests and facilities) are true and correct to the best of its knowledge and belief.

Please contact me if you have any questions concerning this matter.

Sincerely,



William V. Torre
Transmission Engineering & Design Manager
San Diego Gas and Electric

GREGORY CANYON, LTD. LLC
991-C-404 Lomas Santa Fe Drive
Solana Beach, CA 92075
e-mail: richard@chase.name
Voice: (858) 792-7661
Fax: (858) 481-7307

March 24, 2004

Ms. Pamela Raptis
Solid Waste Local Enforcement Agency
San Diego County Dept. of Environmental Health
9325 Hazard Way
San Diego, CA 92123

Re: Gregory Canyon Landfill

Dear Ms. Raptis:

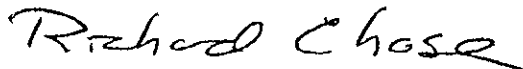
This letter is written to describe the current lease arrangements existing on portions of the Gregory Canyon site owned by Gregory Canyon, Ltd.

Two current lease arrangements exist. The first is with Herzog Construction Company for use of a portion of the former Lucio Dairy as a storage yard. This is a verbal lease with no fixed term, and is terminable at will by either party.

The second lease is for the former Lucio residence, for use as a residence by the caretaker of the Gregory Canyon, Ltd. property. This is a verbal lease with no fixed term, and is terminable at will by either party.

On behalf of Gregory Canyon, Ltd. LLC, a California limited liability company, I hereby certify that the information contained herein is accurate and true to the best of my knowledge and belief. I am authorized by Gregory Canyon, Ltd. to provide this certification on behalf of the company.

Sincerely,



Richard Chase
Project Manager
Authorized Representative